

Title (en)  
An improved process for preparation of bicalutamide

Title (de)  
Ein Verfahren zur Herstellung von Bicalutamid

Title (fr)  
Un procédé pour la préparation de bicalutamide

Publication  
**EP 1803707 A1 20070704 (EN)**

Application  
**EP 06254847 A 20060919**

Priority  
IN 1187KO2005 A 20051227

Abstract (en)  
A process for preparation of Bicalutamide of formula (I), comprising oxidation of compound of formula (II), with potassium permanganate in presence of water or a mixture of water and water miscible solvent and isolating Bicalutamide of formula (I) thereof.

IPC 8 full level  
**C07C 315/02** (2006.01); **C07C 317/46** (2006.01)

CPC (source: EP US)  
**C07C 315/02** (2013.01 - EP US); **C07C 317/46** (2013.01 - EP US)

C-Set (source: EP US)  
**C07C 315/02 + C07C 317/46**

Citation (search report)

- [DAX] US 6740770 B2 20040525 - SHINTAKU TETSUYA [JP], et al
- [DX] US 2004063782 A1 20040401 - WESTHEIM RAYMOND J H [NL]
- [DA] WO 0224638 A1 20020328 - BRISTOL MYERS SQUIBB CO [US], et al
- [DA] WO 0100608 A1 20010104 - RICHTER GEDEON VEGYESZET [HU], et al
- [A] DATABASE CAPLUS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002414557, Database accession no. 2005:295954
- [A] G.W. GOKEL, ET AL.: "Sulphur heterocycles. 3. Heterogeneous, phase-transfer, and acid-catalysed potassium permanganate oxidation of sulfides to sulfones and a survey of their carbon-13 nuclear magnetic resonance spectra", JOURNAL OF ORGANIC CHEMISTRY, vol. 45, no. 18, 29 August 1980 (1980-08-29), AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, pages 3634 - 3639, XP002414439 & CN 1458146 A 20031126 - SHANGHAI MEDICINE INST CHINESE [CN]

Cited by  
CN102351762A

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (application)  
**EP 06254847 A 20060919**; AT 06254847 T 20060919; AU 2006329551 A 20060915; CA 2635461 A 20060915; DE 602006012792 T 20060919; IN 2006000378 W 20060915; US 58271606 A 20061017